



Applied Research Center Student Newsletter

WORK IN PROGRESS



Maria Raskovic, a Ph.D. student under the guidance of ODU Physics Professor Svetozar Popovic, is continuing her project involving the modification of Niobium samples, surface exposed to plasma in a microwave glow discharge. To analyze the samples, they are using our Hirox microscope in the ARC's surface lab.



REU Student Elizabeth Scherrer's (University of Rochester) summer project involves the roughness measurements of Niobium. She is using the AFM under the guidance of Hui Tien, Applied Science Graduate Student from WM.



Gwyn Williams, FEL Basic Research Program Manager, and REU student Megan Ivory (St. Vincent College) are using THz spectroscopy in their research project involving T-Rays.

SAFETY MEETING



The first summer safety meeting took place June 15 in ARC conference room 301. Approximately 20 students and staff members attended. The main focus of the meeting was fire safety. WM Fire Inspector Anthony Oubré delivered the fire safety presentation. He covered basic principles of fire safety, such as using fire extinguishers and the correct way to exit the building. His talk was very informative and he also presented real life accounts of onsite accidents and ways they could have been prevented.

BACK AT THE ARC:



Dina Abdel-Fattah, an entering freshman at WM, is back at the ARC for the summer



Chris Hendricks, a rising senior at WM, is back at the ARC to continue his work on field emission samples.